

B<sup>2</sup>  
concl'd

wherein the low heat generating lamp emits light of a wavelength within a predetermined range of less than about 500 nm effective to enhance the detection of emission of light from a substance when the substance is excited by the wavelength of light emitted from the lamp.--

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--20. (Amended) A method of detecting a leak in a closed system containing a substance for emitting an emission wavelength of light after being excited by an excitation wavelength of light, the method comprising:

providing light within a predetermined wavelength range of less than about 500 nm from a light source to the closed system, the light emitted from a low-voltage lamp, wherein the lamp is connected to a source of electrical power;

illuminating a component of the system with the light within the predetermined wavelength range; and

detecting emission of light from the substance at a leak site. --

Please add new claims 21-34 as follows:

B<sup>4</sup>  
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--21. (New) A light source for examination of a substance comprising:

a hand held housing having a light outlet; and

a battery-powered low-voltage lamp positioned in the housing and oriented to emit light through the light outlet,

wherein the low-voltage lamp emits light of a wavelength within a predetermined wavelength range to enhance the detection of emission of light from a substance when the substance is excited by the wavelength of light emitted from the lamp.--

31. --22. (New) The light source of claim 21 wherein the housing is cylindrical.--

32. --23. (New) The light source of claim 21 wherein the low-voltage lamp includes a light emitting diode.--

33. --24. (New) The light source of claim 21 wherein the low-voltage lamp includes an array of light emitting diodes.--

34. --25. (New) The light source of claim 23 wherein the light emitting diode emits light in the ultraviolet wavelength range.--

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*B4 cancelled*  
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--26. (New) The light source of claim 13 wherein the light emitting diode emits light in the blue wavelength range.--

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--27. (New) The light source of claim 13 wherein the low-voltage lamp emits light in the 300 to 500 nanometer wavelength range.--

23  
--28. (New) The method of claim 20 wherein the light source is portable.--

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--29. (New) The method of claim 20 wherein the light source is hand-held.--

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--30. (New) The method of claim 20 wherein the light source is battery powered.--

26  
--31. (New) The method of claim 20 wherein the low-voltage lamp includes a light emitting diode.--

27  
--32. (New) The method of claim 20 wherein providing light within a predetermined wavelength range includes providing light primarily in the blue wavelength range from a light emitting diode.--

28  
--33. (New) The method of claim 20 wherein providing light within a predetermined wavelength range includes providing light primarily in the ultraviolet wavelength range from a light emitting diode.--

29  
--34. (New) The method of claim 20, wherein providing light within a predetermined wavelength range includes providing light predominantly in the wavelength range of between 300 and 500 nanometers from a light emitting diode.--

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